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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/038,334	10/18/2001	Ashay A. Dani	042390.P12141	7280
Stephen M. De	7590 01/24/2007 Klerk	1	EXAM	INER
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP			AHMED, SHEEBA	
Seventh Floor 12400 Wilshire Boulevard		ART UNIT	PAPER NUMBER	
Los Angeles, CA 90025-1026			1773	
SHORTENED STATUTOR	Y PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE	
3 MO	NTHS	01/24/2007	PAPER	

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

•	_		
	Application No.	Applicant(s)	
	10/038,334	DANI ET AL.	•
Office Action Summary	Examiner	Art Unit	
·	Sheeba Ahmed	1773	
The MAILING DATE of this communication appeared for Reply	ppears on the cover sheet w	ith the correspondence addres	5S
A SHORTENED STATUTORY PERIOD FOR REP WHICHEVER IS LONGER, FROM THE MAILING - Extensions of time may be available under the provisions of 37 CFR 1 after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory perio - Failure to reply within the set or extended period for reply will, by statu. Any reply received by the Office later than three months after the mail earned patent term adjustment. See 37 CFR 1.704(b).	DATE OF THIS COMMUNION (1.136(a). In no event, however, may a red will apply and will expire SIX (6) MONute, cause the application to become AE	CATION. reply be timely filed ITHS from the mailing date of this commu	
Status			
1) Responsive to communication(s) filed on 10/	<u>′31/06</u> .		
2a) This action is FINAL . 2b) ⊠ Th	is action is non-final.	•	
3) Since this application is in condition for allow	rance except for formal matt	ers, prosecution as to the me	erits is
closed in accordance with the practice under	Ex parte Quayle, 1935 C.D). 11, 453 O.G. 213.	
Disposition of Claims			
4)⊠ Claim(s) <u>1-13,15-28 and 30</u> is/are pending in	the application.		
4a) Of the above claim(s) is/are withdr			
5) Claim(s) is/are allowed.			
6)⊠ Claim(s) <u>1-13, 15-28, and 30</u> is/are re	jected.		
7) Claim(s) is/are objected to.	•		
8) Claim(s) are subject to restriction and	or election requirement.		
Application Papers			
9) The specification is objected to by the Examir	ner.		
10) The drawing(s) filed on is/are: a) ac		by the Examiner.	
Applicant may not request that any objection to th			
Replacement drawing sheet(s) including the corre	ection is required if the drawing	(s) is objected to. See 37 CFR 1	.121(d).
11) The oath or declaration is objected to by the E	Examiner. Note the attached	d Office Action or form PTO-1	152.
Priority under 35 U.S.C. § 119			•
12) Acknowledgment is made of a claim for foreig	on priority under 35 U.S.C. 8	5 119(a)-(d) or (f)	
a) ☐ All b) ☐ Some * c) ☐ None of:	in priority under do c.o.o. s	,	
1.☐ Certified copies of the priority documer	nts have been received.		
2. Certified copies of the priority documer		pplication No	
3. Copies of the certified copies of the pri	ority documents have been	received in this National Sta	ge
application from the International Bure	au (PCT Rule 17.2(a)).		
* See the attached detailed Office action for a list	st of the certified copies not	received.	
Attachment(s)		•	
Notice of References Cited (PTO-892)		Summary (PTO-413)	
2) Notice of Draftsperson's Patent Drawing Review (PTO-948)		s)/Mail Date nformal Patent Application	
B) Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date	6) Other:		•

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DETAILED ACTION

Response to Amendment

1. Amendments to claims 28 and 30 have been entered in the above-identified application. Claims 14 and 29 are cancelled. Claims 1-13, 15-28, and 30 are pending.

The indicated allowability of claims 1-13 and 15-27 is withdrawn in light of the new rejection presented below. Any inconvenience to the Applicants is regretted.

Double Patenting

The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory obviousness-type double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent either is shown to be commonly owned with this application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement.

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

2. Claims 1-13, 15-28, and 30 are rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 1-15 of U.S.

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Patent No. 6,926,955. Although the conflicting claims are not identical, they are not patentably distinct from each other.

U.S. Patent No. 6,926,955 claims a thermal interface material, comprising: a phase change polymer; a solder material having a melting temperature approximately between 100 and 250.degree. C.; and a plurality of thermally conductive non-fusible particles, the solder material, wherein the fusible filler is a metal alloy in the range of approximately 10-90% by weight of the thermal interface material and the fusible filler is selected from the group consisting of In, InBi, InSn, BiSn, PbSn, SnAg, InPbAg, InAg, InSnBi, InGa SnBiZn, SnInAg, SnAgCu and InPb. The non-fusible particle filler claimed to be selected from the group consisting of glass fiber, graphite fibers, carbon fibers, boron nitride, aluminum oxides, zinc oxide, alum

Accordingly, it would have been obvious to one having ordinary skill in the art to replace the solder material claimed in U.S. Patent No. 6,926,955 with a solder particle having a melting temperature below 300°C.

Response to Arguments

3. Applicant's arguments with respect to claims 1-13, 15-28, and 30 have been considered but are most in view of the new ground(s) of rejection.

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Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sheeba Ahmed whose telephone number is (571)272-1504. The examiner can normally be reached on Monday-Friday from 6am to 2pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Carol Chaney can be reached on (571)272-1284. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Sheeba Ahmed Art Unit 1773

January 20, 2007